

CENTRAL INTELLIGENCE AGENCY
INFORMATION REPORT

REPORT

CD NO.

25X1

COUNTRY	East Germany	DATE DISTR.	24 March 1955
SUBJECT	Production of VEB Maschinen- und Dampfkesselbau Gera	NO. OF PAGES	5
PLACE ACQUIRED		NO. OF ENCLS. (LISTED BELOW)	
DATE OF INFO.		SUPPLEMENT TO REPORT NO.	25X1

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Actual production of VEB Maschinen- und Dampfkesselbau ~~over the years 1945 to 1950 inclusive was~~, roughly 12,000,000 Mf. per year, of which 70 percent represented production of boilers (i.e. elbau). Between 1950 and 1953 the annual plans were fulfilled from 101 to 108 percent. Production for the years 1950 to 1954, expressed in Mf., is shown in the following table:

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Annual plan	1950	1951	1952	1953	1954
Estimated total factory sales prices	12,000,000	11,800,000	11,500,000	11,100,000	12,200,000
Actual output	12,000,000	11,800,000	11,300,000	11,600,000	12,400,000
Percent	100	100	98	105	100

The fulfillment for 1954 is shown by the following table:

Period in 1954	<u>Plan</u>	Percentage of <u>Fulfillment</u>
January - June	Production Plan	102
January - June	Electric Power Program	76
July	Production Plan	96
August	Production Plan	17
September	Production Plan	54

✓ Reason for the decreasing percentage of fulfillment are insufficient raw materials, lack of ~~freedom~~ (Baufreiheit) in ~~building~~ boilers, inadequate means of transport, tardy deliveries of materials, and the high percentage of rejected boiler plate and steam pipes.

CLASSIFICATION		DISTRIBUTION												
STATE	# <input checked="" type="checkbox"/>	NAVY	# <input checked="" type="checkbox"/>	NSRB	# <input checked="" type="checkbox"/>	AIR	# <input checked="" type="checkbox"/>	FBI	# <input checked="" type="checkbox"/>					
ARMY	# <input checked="" type="checkbox"/>													

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DISTRIBUTION

3. Reparations, 1950 - 1952

The following equipment for rolling mills was sent to Russia for reparations in 1950 - 1952:

- 4 DSO rolling apparatus for small-section mill trains
- 12 three-piston pumps (100 atmospheres absolute pressure, 1,000 liters per minute capacity)
- 1 band-gilding unit
- 1 ~~vacuum~~ device for ~~removing~~ furnace
- 2 ~~vacuum~~ rolling train for light sections (Spezial-Feineisenstrassen)
- 4 wirewinders
- 2 double spiral screening machines (Doppelspiralklassierer)

4. Exports

Steam boilers	30 percent of production to Russia
Three-piston pumps	60 " " " " Russia
Vacuum pumps	85 " " " " Russia and Satellites
Rolling-mill equipment	100 " " " " Russia

5. Sales Prices

Blast-tube boiler, 30 cubic meters capacity, 30 atmospheres absolute pressure	about 775,000 DME
Marine steam boilers, 35 cubic meters capacity, 8 atmospheres absolute pressure	about 22,000 DME
Radiation boilers, 8 tons per hour capacity, 42 atmospheres absolute pressure	470,000 DME
Radiation boilers, 12.5 tons per hour capacity, 42 atmospheres absolute pressure	556,000 DME
Radiation boilers, 25 tons per hour capacity, 42 atmospheres absolute pressure	685,000 DME
Three-piston pumps, 1,000 liters per minute capacity, 200 atmospheres absolute pressure, equipped with motor and gears	127,000 DME
Roller bed, 6 meters long, 2 meters broad	36,000 DME

INVESTMENTS

6. Investments made for the years 1950 - 1954 inclusive amount to the following totals:

Planned investments	about 1,200,000 DME
Actual investments	about 250,000 DME

7. Electric Power

The enterprise is serviced with electric power through its own installations, consisting of a boiler with a capacity of 3 tons per hour under 16 atmospheres absolute pressure, and a steam generating station (~~Generator mit Pumpumchine~~) whose capacity is 16 kilowatts (Gueteklasse IV).

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Retracted

8. Materials

The principal bottlenecks in material supplies are lack of boiler plate, boiler pipes, boiler drums, and storage batteries. The Hettstadt and Ilsenburg rolling mills are working with an approximate rejection rate of 70 percent.

Metal plate and pipes are imported from Russia and Czechoslovakia, and to a lesser extent from western countries. The quality of these materials imported from Russia and Czechoslovakia is "satisfactory" to "good"; materials from western countries are "very good".

DELIVERIES

9. Deliveries to ~~new German~~ firms under the East German Power Program are as follows:

<u>Receiver Firm</u>	<u>Quantity</u>	<u>Number and Kind Delivered</u>	<u>Delivery Dates Planned</u>		
			<u>1953</u>	<u>1954</u>	<u>1955</u>
Kraftwerk Stralsund	6.7	1 Bent-tube boiler	-	25x26	-
██████████	2.2	2 Radiation boilers	-	-	-
██████████	6.7	1 Radiation Boiler	-	25x42	-
Kreiskreisheimhaus Aue	3.5	1 Radiation Boiler	-	12.5x42	-
Lederwerke Neustadt/Gleve	6.2	1 Radiation Boiler	-	25x42	-
Hartfaserplattenwerk, Rihmitz	2.2	2 Radiation Boilers	-	8x42	-
Fahlberg-List, new Magdeburg	2.2	2 Radiation Boilers	-	-	8x42
Annendorf	3.5	2 Radiation Boilers	-	-	12.5x42
Rostts	5.3	1 Radiation Boiler	-	-	20x26
██████████	2.2	2 Radiation Boilers	-	-	-
Total new Power Program	38.7	16 Boilers	-	-	-

10. Deliveries of boilers to East German firms for heating purposes are as follows:

<u>Receiver Firm</u>	<u>Quantity</u>	<u>Number and Kind Delivered</u>	<u>Delivery Dates Planned</u>		
			<u>1953</u>	<u>1954</u>	<u>1955</u>
Dieselmotorenwerk Rostock	-	1 Radiation boiler	8x42 ¹	-	-
Warnowwerft, Warnemünde	4.4	2 Radiation boilers	-	8x26	-
Mathias Thesen-Werft, Wismar	6.2	3 Radiation boilers (2)	12.5x26	-	-
		(1)	2x16		
Gas- und Wasserwerk, ██████████	-	1 ██████████ Boiler	2.5x26	-	-
██████████	-	1 ██████████ Boiler	██████████	-	-

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<u>Receiver Firm</u>	<u>MW</u>	<u>Type and Kind</u>	<u>Delivery Dates Planned</u>		
			<u>1953</u>	<u>1954</u>	<u>1955</u>
Oelwerke Riesa	3.5	1 Radiation Boiler	-	12.5x42	-
Oelwerke Wittenberge/ Prignitz	6.2	1 Radiation Boiler	-	25x42	-
Zellstoff Wittenberge/ Prignitz	8.6	1 Radiation Boiler	40x42	-	-
Maschinenbau Halberstadt	3.5	1 Radiation Boiler	8x42	-	-
WEMA, Aschersleben	-	1 Radiation Boiler	-	12.5x42	2
Blaibach, Leipzig	3.5	2 Radiation Boilers	-	12.5x42	12.5x42
Schlachthof Dresden	-	2 Radiation Boilers	12.5x42	-	12.5x42
Transformatorwerk, Dresden	2.5	2 Radiation Boilers	12.5x42	-	12.5x42
Horch, Zwickau	-	2 Angle-pipe Boilers	-	-	5x26
Zellstoff Grossenhain	-	1 Radiation Boiler	-	-	12.5x42
Kreiskrankenhaus Aue	-	1 Radiation Boiler	-	-	5x26
KBB Dresden	-	1 Radiation Boiler	-	-	12.5x42
Total for heating purposes	<u>38.4</u>	9 charged (less back because under 1 ton) 24 Boilers (there would be 1 less)	-	-	-

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1. Comment: Boiler capacity is indicated by two figures: the first represents tons per hour (t/h), the second, atmospheres absolute pressure (atm): for example, 25x26, 8x42, 12.5x26.

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CLASSIFICATION

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PRODUCTION

1. Planned production of VEB Maschinen- und Dampfkesselbau Gera for the years 1945 to 1949 inclusive was approximately 2,500,000 DME per year, of which 70 percent represented production of boilers (Kesselbau). Between 1950 and 1953 the annual plans were fulfilled from 101 to 108 percent. Production for the years 1950 to 1954, as expressed in DME, is shown in the following table:

<u>Production</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
Planned totals in factory sales prices	3,600,000	5,200,000	7,500,000	10,100,000	12,200,000
Boilers only	2,400,000	3,600,000	4,300,000	600,000	7,400,000
Machines only	1,200,000	1,600,000	3,200,000	4,100,000	4,800,000

2. Plan fulfillment for 1954 is shown by the following table:

<u>Period in 1954</u>	<u>Plan</u>	<u>Percentage of Fulfillment</u>
January - June	Production Plan	102
January - June	Electric Power Program	76
July	Production Plan	86
August	Production Plan	67
September	Production Plan	54

Reasons for the decreasing percentage of fulfillment are insufficient raw materials, lack of freedom (Baufreiheit) in assembling boilers, inadequate means of transport, tardy deliveries of materials, and the high percentage of rejected boiler plate and steam pipes.

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CLASSIFICATION

STAGE	ARMY	NAVY	AIR	NSRB	DISTRIBUTION	[REDACTED]
ARMY						

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DISTRIBUTION

3. Reparations, 1950 - 1952

The following equipment for rolling mills was sent to Russia for reparations in 1950 - 1952:

4 DBO rolling apparatus for small-section mill trains
 12 three-piston pumps (200 atmospheres absolute pressure, 1,000 liters per minute capacity)
 1 lead-plating unit
 1 transport device for annealing furnace
 2 special rolling train for light sections (Spezial-Feineisenstrassen)
 4 wire-winders
 2 double spiral screening machines (Doppelspiralklassierer)

4. Exports

Steam boilers	30 percent of production to Russia
Three-piston pumps	60 " " " Russia
Vacuum pumps	85 " " " Russia and Satellites
Rolling-mill equipment	100 " " " Russia

5. Sales Prices

Bent-tube boilers or radiation boilers, 30-35 tons per hour steam capacity, 26 atmospheres absolute pressure	about 775,000 DM
Marine raw boilers, 35 cubic meters capacity, 8 atmospheres absolute pressure	about 22,000 DM
Radiation boilers, 8 tons per hour capacity, 42 atmospheres absolute pressure	470,000 DM
Radiation boilers, 12.5 tons per hour capacity, 42 atmospheres absolute pressure	556,000 DM
Radiation boilers, 25 tons per hour capacity, 42 atmospheres absolute pressure	685,000 DM
Three-piston pumps, 1,000 liters per minute capacity, 200 atmospheres absolute pressure, equipped with motor and gears	127,000 DM
Roller bed, 6 meters long, 2 meters broad	36,000 DM

INVESTMENTS

6. Investments made for the years 1950 - 1954 inclusive amount to the following totals:

Planned investments	about 1,200,000 DM
Actual investments	about 250,000 DM

7. Electric Power

The enterprise is serviced with electric power through its own installations, consisting of a boiler with a capacity of 3 tons per hour under 16 atmospheres absolute pressure, and a steam generating station (Generator mit Dampfmaschine) whose capacity is 16 kilowatts (Gueteklasse IV).

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B. Rejection

The principal bottlenecks in material supplies are lack of boiler plate, boiler pipes, carbon dioxide, and storage batteries. The Dettstaedt and Ilsenburg rolling mills are working with an approximate rejection rate of 70 percent.

Metal plates and pipes are imported from Russia and Czechoslovakia, and to a lesser extent from western countries. The quality of these materials imported from Russia and Czechoslovakia is "unsatisfactory" to "good"; materials from western countries are "very good".

C. Imports

D. Rejections to West German firms under the East German Trade Agency are as follows:

Recipient Firm	Inv.	Number & Kind	Delivery Dates Planned
Kreischemie Frankfurt	6.7	1 Double-tube Boiler	~ 12.5-23.5-1965
Fabrikat mit Oberdon	2.2	2 Radiation Boilers	End 12 ~ 1965
Polymerwerk Erfurt	6.7	1 Radiator Boiler	~ 1965
Kreischemiekaue für	2.5	2 Radiator Boilers	~ 12.5-1965
Kreischemie Leuna/Gleichen	2	1 Radiation Boiler	~ 1965
Werkstoffabteilung,			
Alzette	2.7	2 Radiation Boilers	~ 1965
Werkstoffabteilung,			
Waggonfabrik	2.2	2 Radiation Boilers	~ 1965
Chemofert	2.5	2 Radiation Boilers	~ 12.5-1965
Roschke	2.3	1 Radiation Boiler	~ 1965
Werkstoffabteilung,			
Leuna/Alzette	2.2	3 Radiation Boilers	~ 1965
Werkstoffabteilung, Leuna	2.2	3 Radiation Boilers	~ 1965

E. Rejections to Soviet firms under the East German Trade Agency are as follows:

Recipient Firm	Inv.	Number & Kind	Delivery Dates Planned
Industriewerke, Rostock	~	1 Radiation boiler	1965
Industriewerke, Karlsruhe	6.4	3 Radiation boilers	1965
Werkstoffabteilung, Karlsruhe	6.2	3 Radiation boilers (2) 12.5.1965 + (1) 1966	~
Werkstoffabteilung,			
Waggonfabrik	~	1 Single-pipe Boiler	2.5-1965 ~
Werkstoffabteilung	~	1 Double-pipe Boiler	2.5-1965 ~

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<u>Receiver Firm</u>	<u>MW</u>	<u>Number and Kind</u>	<u>Delivery Dates Planned</u>		
		<u>Delivered</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>
Oelwerke Riesa	3.5	1 Radiation Boiler	-	12.5x42	-
Oelwerke Wittenberge/ Prignitz	6.2	1 Radiation Boiler	-	25x42	-
Zellwolle Wittenberge/ Prignitz	8.6	1 Radiation Boiler	40x42	-	-
Maschinenbau Halberstadt	3.5	1 Radiation Boiler	8x42	-	-
WEIMA, Aschersleben	-	1 Radiation Boiler	-	12.5x42	-
Hleichert, Leipzig	3.5	2 Radiation Boilers	-	12.5x42	12.5x42
Schlachthof Dresden	-	2 Radiation Boilers	12.5x42	-	12.5x42
Transformatorenwerk, Dresden	2.5	2 Radiation Boilers	12.5x42	-	12.5x42
Horch, Zwickau	-	2 Angle-pipe Boilers	-	-	5x26
Zellstoff Grossenhain	-	1 Radiation Boiler	-	-	12.5x42
Kreiskrankenhaus Aue	-	1 Radiation Boiler	-	-	5x26
KES Dresden	-	1 Radiation Boiler	-	-	12.5x42
Total for heating purposes	<u>28.4</u>	<u>24 Boilers</u>	-	-	-

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1. [] Comment: Boiler capacity is indicated by two figures: the first represents tons per hour (t/h), the second, atmospheres absolute pressure (atü); for example, 25x26, 8x42, 12.5x26.

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